

Amendments to the specification

The applicant cancels the previously-submitted appendix C, submits a replacement appendix C on a compact disc in Adobe PDF format, and is filing a Petition Under 37 C.F.R. § 1.183 to Permit Submission of a Computer Listing in Adobe Portable Document Format (courtesy copy attached).

Please add the following paragraph on the first page of the specification immediately before the "BACKGROUND OF THE INVENTION" section:

This application incorporates by reference the contents of two compact discs, one original and one duplicate, submitted under 37 C.F.R. § 1.52(e)(6). The compact discs each contain one file named "Voice Control – Firman – 10591-003009," which is 11,667,351 bytes in length, and is submitted in Adobe Portable Document Format. The scanned copy of this file was created on December 6, 2005.

In the previously-submitted substitute specification, paragraphs 49 and 50 were erroneously printed as a single paragraph. Please replace these paragraphs as follows. No amendments have been made other than by separating the paragraphs.

[0049] At any time during the operation of the Voice Navigator system, the Recognizer Software 120 may be trained to recognize an utterance of a particular user and to associate a corresponding text string with each utterance. In this mode, the Recognizer Software 120 displays to the user a menu of the utterance names (such as "file", "page down") which are to be recognized. These names, and the corresponding Voice Control command strings (indicating the appropriate actions) appear in a current word list 124. The user designates the utterance name of interest and then is prompted to speak the utterance corresponding to that name. For example, if the utterance name is "file", the user might utter "FILE" or "PLEASE FILE". The digitized samples from the Voice Navigator box 112 corresponding to that utterance are then used by the Recognizer Software 120 to create a "macro" representing the utterance, which is stored in the voice file 122 and subsequently associated with the utterance name in the word list 124. Ordinarily, the utterance is repeated more than once, in order to create a macro for the utterance that accommodates variation in a particular speaker's voice.

[0050] The meaning of the spoken utterance need not correspond to the utterance name, and the text of the utterance name need not correspond to the Voice Control command strings stored in the word list. For example, the user may wish a command string that causes the operating system to save a file to have the utterance name "save file"; the associated command string may be "@MENU(file,2)"; and the utterance that the user trains for this utterance name may be the spoken phrase "immortalize". The Recognizer Software and Voice Control cause that utterance, name, and command string to be properly associated in the voice file and word list 124.

Please replace paragraph 116 of the specification with the following amended paragraph:

[0116] After installation 538, the get_next_event filter procedure 540 is called before an event is generated by the operating system. The event is first checked ~~542~~ 542 to see if it is a null event. If so, the Process Input module 544 is called directly. The Process Input routine 544 checks for new speech input and processes any that has been received. After Process Input, the Voice Control driver proceeds through normal filter processing 546 (i.e., any filter processing caused by other applications) and returns 548. If the next event is not a null event, then displays are hidden 550. This allows Voice Control to hide any Voice Control displays (such as current language lists) which could have been generated by a previous non-null action. Therefore, if any prompt windows have been produced by Voice Control, when a non-null event occurs, the prompt windows are hidden. Next, key down events are checked 552. Because the recognizer is controlled (i.e. turned on and off) by certain special key down events, if the event is a key down event then Voice Control must do further processing. Otherwise, the Voice Control drive procedure moves directly to Process Input 544. If a key down event has occurred 554, where appropriate, software latches which control the recognizer are set. This allows activation of the Recognizer Software, the selection of Recognizer options, or the display of languages. Thereafter, the Voice Control driver moves to Process Input 544.

No new matter has been added by these amendments.

Amendments to the drawings

Please cancel figures 144-173 in favor of their incorporation by reference to a related

United States patent.

Applicant : Thomas R. Firman
Serial No. : 09/852,049
Filed : May 9, 2001
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Attorney's Docket No.: 10591-003009

The applicant previously submitted a substitute specification without including the figures. The applicant re-submits the patent figures, attached.